## INTERNATIONAL SEARCH REPORT

Interional Application No
PCT/EP2004/001962

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C03B5/26 C03B5/28 C21B7/12 F27D3/15 F27B3/10 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C03B C21B F27B F27D CO3B C21B F27B F27D Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) down all grant Think select EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No. X US 1 643 601 A (DANIBL REEBE) 1-17 27 September 1927 (1927-09-27) column 2, line 90 -column 3, line 24; claim 6; figures 1-4 X US 2 186 718 A (JOHN FERGUSON) 1 - 179 January 1940 (1940-01-09) column 2, line 39 -column 3, line 45; figures 1-3 χ US 5 567 218 A (LADIRAT CHRISTIAN ET AL) 1-17 22 October 1996 (1996-10-22) abstract; figures 1B,2,3 US 1 572 580 A (CHRISTIE CHARLES H ET AL) X 1 - 179 February 1926 (1926-02-09) figures 3,4,12-14,19,20 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: T later document published after the international filing date or priority date and not in conflict with the application but died to understand the principle or theory underlying the 'À" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the International "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of parlicular relevance; the claimed invention cannot be considered to Involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed '&' document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 7 May 2004 26/05/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Bergman, L Fax: (+31-70) 340-3016

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